

NITHIN A S

+91 9846733610 | Email : <mailto:nithinas9846@gmail.com> | LinkedIn : [nithinas](#) | GitHub: [nithin092](#)

EDUCATION

- Bachelor of technology in Information Technology; CGPA: 7
Govt engineering college Idukki
Painavu, Kerala
Sep 2022 – April 2025
- Diploma in Computer Engineering; CGPA: 8.32
Sree Rama Govt. Polytechnic College
Thriprayar, Kerala
June 2019 - Jul 2022
- Higher Secondary Education – Computer Science, 79%
June 2017 - March 2019

SKILLS SUMMARY

- **Languages:** C, C++, Python, JavaScript, SQL, PostgreSQL, R
- **Frameworks:** Bootstrap
- **Tools:** VS Code, Figma
- **Collaboration Tools:** Git, GitHub
- **Soft Skills:** Teamwork and collaboration, Problem-solving and adaptability, Conflict resolution and negotiation, Leadership

PROJECTS

DYNAMIC REALTIME ENERGY AUTOMATION MODULE

An intelligent IoT-based system that uses image processing and deep learning to detect room occupancy and automate lighting and fan control for optimized energy usage.

Tech Stack: Python, YOLO, Arduino ESP32, Firebase, Embedded C

- Designed an IoT-based smart lighting and fan control system using Arduino, image processing, and deep learning.
- Implemented real-time crowd monitoring using a camera module for intelligent energy conservation.
- Enhanced sustainability by reducing energy wastage through adaptive automation.

HEALWELL – ONLINE DOCTOR CONSULTATION WEBAPP

Developed "HealWell," an innovative healthcare platform aimed at reducing the workload of healthcare professionals through AI-driven tools and enhanced digital communication methods.

- Dynamic user interface using Html, CSS, Bootstrap.
- Online real-time consultation through Video calling using Jitsi Meet.
- Voice to text generation used for prescription generation.

PORTFOLIO – PERSONAL WEBSITE | [Link](#)

A simple personal website of myself made by using html and CSS.